

WHAT IS CLAIMED IS:

1. A method of transferring image data, comprising:
establishing a communication session between a sending device and one or more receiving devices;
opening a common channel for transmission by said sending device of a notification of availability of image data; and
opening one or more data channels for transmission of at least a portion of said image data to said receiving devices, each data channel being dedicated to one of said receiving devices.
2. The method of claim 1, wherein said step of establishing a communication session includes establishing a session using Session Initiation Protocol (SIP).
3. The method of claim 2, wherein said step of establishing a communication session includes indicating use of Blocks Extensible Exchange Protocol (BEEP) to exchange image data in JPEG2000 Interactive Protocol (JPIP).
4. The method of claim 3, wherein said common channel and said data channels are BEEP channels.
5. The method of claim 1, wherein said step of establishing a communication session includes indicating use of Blocks Extensible Exchange Protocol (BEEP) to exchange image data in JPEG2000 Interactive Protocol (JPIP).
6. The method of claim 5, wherein said common channel and said data channels are BEEP channels.
7. The method of claim 1, further comprising:
receiving a request from each of said receiving devices for a dedicated data channel prior to said step of opening one or more data channels.

8. The method of claim 7, wherein said request from each of said receiving devices includes specification of parameters relating to image data to be transferred to said receiving device.

9. The method of claim 8, further comprising:
transmitting image data to each of said receiving devices in accordance with parameters specified by each receiving device.

10. The method of claim 1, further comprising:
transmitting image data to each of said receiving devices in accordance with parameters specified by each receiving device.

11. The method of claim 1, wherein said sending device includes an image data server.

12. The method of claim 1, wherein at least one of said sending device and said receiving devices is a wireless device.

13. A program product, comprising machine readable program code for causing a machine to perform the following method steps:
establishing a communication session between a sending device and one or more receiving devices;
opening a common channel for transmission by said sending device of a notification of availability of image data; and
opening one or more data channels for transmission of at least a portion of said image data to said receiving devices, each data channel being dedicated to one of said receiving devices.

14. The program product of claim 13, wherein said method step of establishing a communication session includes establishing a session using Session Initiation Protocol (SIP).

15. The program product of claim 14, wherein said method step of establishing a communication session includes indicating use of Blocks Extensible Exchange Protocol (BEEP) to exchange image data in JPEG2000 Interactive Protocol (JPIP).

16. The program product of claim 15, wherein said common channel and said data channels are BEEP channels.

17. The program product of claim 13, wherein said method step of establishing a communication session includes indicating use of Blocks Extensible Exchange Protocol (BEEP) to exchange image data in JPEG2000 Interactive Protocol (JPIP).

18. The program product of claim 17, wherein said common channel and said data channels are BEEP channels.

19. The program product of claim 13, further comprising machine readable program code for causing a machine to perform the following method step:

receiving a request from each of said receiving devices for a dedicated data channel prior to said method step of opening one or more data channels.

20. The program product of claim 19, wherein said request from each of said receiving devices includes specification of parameters relating to image data to be transferred to said receiving device.

21. The program product of claim 20, further comprising machine readable program code for causing a machine to perform the following method step:

transmitting image data to each of said receiving devices in accordance with parameters specified by each receiving device.

22. The program product of claim 13, further comprising machine readable program code for causing a machine to perform the following method step:

transmitting image data to each of said receiving devices in accordance with parameters specified by each receiving device.

23. The program product of claim 13, wherein said sending device includes an image data server.

24. The program product of claim 13, wherein at least one of said sending device and said receiving devices is a wireless device.

25. A method of transferring image data, comprising:
establishing an SIP session between a sending device and at least one receiving device; and
initiating an image transfer session using BEEP channels within said SIP session, said image transfer including transfer of JPIP image data.

26. A program product, comprising machine readable program code for causing a machine to perform the following method steps:
establishing an SIP session between a sending device and at least one receiving device; and
initiating an image transfer session using BEEP channels within said SIP session, said image transfer including transfer of JPIP image data.

27. A system for transferring image data, comprising:
a sending device adapted to establishing a communication session with one or more receiving devices; and
an image data server adapted to respond to requests for image data from said one or more receiving devices;

wherein at least one of said sending device and said image data server is adapted to open one or more data channels for transmission of image data to said receiving devices, each data channel being dedicated to one of said receiving devices.

28. The system of claim 27, wherein said communication session is a Session Initiation Protocol (SIP) session.

29. The system of claim 28, wherein said sending device is adapted to indicate use of Blocks Extensible Exchange Protocol (BEEP) to exchange image data in JPEG2000 Interactive Protocol (JPIP) when establishing said communication session.

30. The system of claim 29, wherein said common channel and said data channels are BEEP channels.

31. The system of claim 27, wherein said sending device is adapted to indicate use of Blocks Extensible Exchange Protocol (BEEP) to exchange image data in JPEG2000 Interactive Protocol (JPIP) when establishing said communication session.

32. The system of claim 31, wherein said common channel and said data channels are BEEP channels.

33. The system of claim 27, wherein at least one of said sending device and said image data server is adapted to receive a request from each of said receiving devices for a dedicated data channel.

34. The system of claim 33, wherein said request from each of said receiving devices includes specification of parameters relating to image data to be transferred to said receiving device.

35. The system of claim 34, wherein said image data server is adapted to transmit image data to each of said receiving devices in accordance with parameters specified by each receiving device.

36. The system of claim 27, wherein said image data server is adapted to transmit image data to each of said receiving devices in accordance with parameters specified by each receiving device.

37. The system of claim 27, wherein said image data server is integral with said sending device.

38. The system of claim 27, wherein at least one of said sending device and said receiving devices is a wireless device.